

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (Currently Amended). An immunoassay for the human TNF Binding Protein TBP-II (residues 27-214 of SEQ ID NO:23) in body fluids, comprising measuring the interaction of TBP-II with an antibody to human TBP-II which specifically recognizes said protein.

2-5 (Cancelled)

6 (New). A method for the determination of over-production or under-production of TBP-II in a subject, using the immunoassay of claim 1, comprising:

determining the level of TBP-II in the body fluid of a subject by using said immunoassay; and

comparing the level so determined with the normal level of TBP-II in human body fluids of healthy subjects, wherein a level above said normal level indicates over-production of TBP-II and a level below said normal level indicates under-production of TBP-II.